

Enterprise Budget: Costs & Returns Per Acre From Growing Oats - San Juan County - 2003

Item	Unit	Quantity per acre	\$/unit	Value/Cost per Acre	Your Farm
				Dollars	
Receipts:					
Oats	Bushels	86	2.50	215.00	
Straw	Tons	0.60	40.00	24.00	
	Subtotal			239.00	
Variable Operating Costs					
Land Preparation					
Plowing	Acre	1	10.11	10.11	
Discing	Acre	1	3.27	3.27	
Landplane	Acre	2	3.29	6.58	
Planting	Acre	1	5.21	5.21	
Seed	Pounds	70	0.20	14.00	
Fertilization					
Nitrogen (34-0-0)	Pounds	205	0.11	22.55	
Phosphate (11-52-0)	Pounds	48	0.12	5.76	
Custom application	Acre	1	5.00	5.00	
Pesticides/Herbicides					
2-4-D	Pints	1.25	2.26	2.83	
Custom application	Acre	1	5.00	5.00	
Irrigation (wheel line)	Irrigations	4			
Labor	Hours	1.33	9.00	12.00	
Water assessment	Share	1	10.00	10.00	
Repairs/maintenance	Acre	1	1.50	1.50	
Pumping	Acre inch	24	0.50	12.00	
Harvesting					
Combining	Acre	1	26.00	26.00	
Haul grain (custom)	Bushel	86	0.12	10.32	
Baling	Acre	1	3.59	3.59	
Haul Straw	Large Bale	1.20	1.91	2.29	
Crop Insurance				0.00	
Interest on operating capital @ 9.75%				4.77	
	Subtotal			162.78	
Ownership costs (excludes cost of				58.61	
Farm Insurance	Acre	1	2.00	2.00	
Machinery ownership	Acre	1	48.36	48.36	
Irrigation equipment	Acre	1	8.25	8.25	
Total Listed Costs				221.39	
Net returns to owner for unpaid labor, management, equity and risk					
above operating costs				76.22	
above total costs				17.61	

Assumptions:

- Grain planted in March and harvested in July.
- Interest computed on land preparation and planting costs for 10 months and cultivation/fertilization, herbicide/irrigation costs for 3 months.
- Machinery operating costs include: fuel, oil, repairs, and labor.
- Machinery costs are based on 13 acres of oats.
- Machinery ownership costs include depreciation, interest, insurance, and housing.

Budget prepared by E. Bruce Godfrey, Shane Ellis, and Jim Keyes